



It's been a while since our last communication and we have a lot of updates. First of all, our work to modernize the LIO technology infrastructure continues. As many of you can appreciate, this has been a huge undertaking for us and we've encountered a number of challenges along the way. Here's what you should know:

Metadata Search Tool

We're generally pleased with GeoNetwork, the open source software we selected for our new metadata search tool. The tool allows users to search for data and provides a self-service download function. Unfortunately, the size of some of our data sets has provided issues with the application's stability and it has been down more than we would like. We'll release a new version of the tool in 2013 that will improve the tool's performance and overall user experience.

You can use the [metadata tool](#) right now to directly download most of the open, unrestricted data in the LIO Warehouse. There are currently more than 80 data sets available for download and we'll add more when we release the next version.

A blue rectangular button with rounded corners and a subtle gradient. The text "Search Metadata Tool" is centered on the button in a white, sans-serif font.

New Data Warehouse

We're making improvements to our data warehouse to make it easier for you to access and use data. Our new data ordering tool has been designed to simplify the ordering process. Users will be able to select file geodatabase and shapefile formats. We'll also make data available in KML in the very near future. While we had hoped to have the new ordering tool ready for you this year, it won't be available until the first quarter of 2013.

New LIO Data Structure

We know many of you have been anxiously waiting to see the new LIO data structure. The structure will be available in our new data warehouse in 2013.

We'll be able to provide you with a sample of the new data early in the New Year so you can review the new format and understand how it will integrate into your own systems and processes. We'll also provide our new data descriptions to help you interpret and use the data. These data descriptions replace our SNIF Reports.

Here are some other updates you should know about:

New Ontario Parcel Data

The Ontario Parcel agreement between Teranet, MPAC and MNR was extended to April 2017. Through this agreement, LIO will receive approximately 1.5 million new ownership parcels for areas that were previously not available (primarily in the north). The new ownership data will be available to licensed users in January.

It's important to note that the new ownership parcels may not have the same geometry as the corresponding assessment parcels, as the two data sets were digitized independently. The data owners have no immediate plans to align the assessment and ownership parcels.

Current Ontario Parcel data is available in LIDS. For more information about the Ontario Parcel and how to access it, please contact us at lio@ontario.ca.

Ontario Road Network

Ontario's far north spans the whole width of Northern Ontario, from Manitoba in the west, to James Bay in the north and Quebec in the east. It covers an astonishing 42 percent of the province – some 450,000 square kilometres, which is bigger than the size of Germany. Here's a [map of Far North communities](#) provided by MNR's Far North Branch.

We recently realigned and updated the road geometry for 28 communities in the far north using [Quickbird imagery](#). We also added 600 kilometres of new roads

In total, we have more than 272,000 kilometres of provincial highways, municipal and resource roads in the Ontario Road Network.

Don't forget that we update the data every other week based on information we receive from municipalities, MTO and MNR. The most current Ontario Road Network data is still available through [LIDS](#).

South Central Ontario Orthophotography Project (SCOOP)

It's not too late to join this project! We're still looking for partners to acquire 20cm high resolution, leaf off imagery, accurate to 50 cm on the ground in South Central Ontario in 2013.

A partnership approach ensures that acquisition costs are divided among organizations which results in huge savings for everyone. This is the first of a series of five acquisition projects that will cover all of southern Ontario and portions of northern Ontario over the next five years.

For more information on how to join SCOOP 2013 or to see when LIO will be collecting imagery in your part of the province, visit the [LIO website](#).



New: Ontario Integrated Hydrology Data

We're pleased to announce that MNR's Water Resources Information Program (WRIP) has released new Ontario Integrated Hydrology Data. The data is a collection of elevation and mapped water features that are designed for use in the generation of watersheds and to support hydrology analysis applications.

To learn more, please read this [Ontario Integrated Hydrology Data fact sheet](#).

The data is available to all users through LIO. To place an order, please contact us at lio@ontario.ca.

New: Ontario Radar Digital Surface Model

Also from the Water Resources Information Program: new Ontario Radar Digital Surface Model data. Unaffected by cloud and most surface cover, this data provides consistent analytical capability across the province at levels of detail that were previously unavailable. It's the only complete, consistently derived, medium-scale elevation surface for all of Ontario.

To learn more, please read the detailed [technical specifications](#).

This data is also available to all users through LIO. To place an order, please contact us at lio@ontario.ca.

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